



## Lenovo ThinkPad

### Product Details

ThinkPad  
SL500  
Model NRJAKxx



#### At a glance...

<b>Processor</b> <sup>2</sup>	Intel® Core 2 Duo processor T5870 2.00GHz	<b>Audio</b>	Conexant Azalia Audio Codec
<b>Memory (std/max)</b>	2 GB / 4 GB	<b>Fax/modem speeds</b>	56Kbps data/14.4Kbps fax
<b>Disk capacity</b> <sup>1</sup>	250GB	<b>Network Interface</b>	Gigabit Ethernet-Integrated
<b>Display</b>	15.4" 1280x800 -- WXGA TFT with integrated camera AntiGlare	<b>Installed OS</b>	Genuine Windows Vista Business
<b>PCMCIA Card Bus Slots</b>	1 ExpressCard/54 or 34		
<b>Media Device</b> <sup>8</sup>	DVD Recordable (Dual Layer):8X Max		
<b>Unique System Features</b>	Rescue and Recovery; Access Connections; Bluetooth; Fingerprint Reader; Camera		

New ThinkPad SL series are ultimate business tools for small and medium-size companies designed to fulfill their needs for a stylish, reliable, feature-rich notebook computer. SL series notebooks offer a great balance between business computing and multimedia features.

#### Features & Benefits

Lenovo ThinkPad notebook models deliver outstanding technology and features:

Latest technology with Intel Core 2 Duo processor P8400 or P8600 or T9400

Mobile Intel GM45 or PM45 Express chip set

Integrated Graphics (Intel X4500) or Discrete (nVidia GeForce 9300 up to w/256MB)

Variety of widescreen display choices - 13.3" LED Backlight (SL300) , 14.1" (SL400) or 15.4"(SL500)

Latest connectivity options on selected models including WWAN, WLAN and Bluetooth

New SL series thoughtful design with its sleek glossy black top covers

Legendary ThinkPad keyboard

Windows Vista Operating system (XP Recovery DVD for Vista Business)

EPEAT Gold (SL300 models only) or EPEAT Silver qualification

#### General Information

##### Price

Note<sup>7</sup>

## Administrative Information

Part number	Description
<b>NRJAKxx</b>	<b>SL Series 2G 2 2/250 15.4</b>
Product category:	Mobile
Product family:	Lenovo ThinkPad
Product series:	ThinkPad SL Series
UPC Code:	
Model name:	ThinkPad SL500
Worldwide part number:	2746AKG
Retail SKU #:	
Global model:	No
Workhorse model:	No
Type / Model:	2746-AKG
Standard pack quantity:	
Announce status:	Announced
Announce date:	5 Jan 09
General availability date:	5 Jan 09
IBM announcement number:	48984
Announcement of withdrawal date:	
Withdrawal date:	
Withdrawal announcement number:	
Final returns date:	
Final returns request date:	
Returns announcement number:	
Alternative models:	
Most recent change date:	
Reason for change:	
Countries of origin:	
Ship group:	System unit with country -specific keyboard Worldwide AC adapter Country-specific line cord Rechargeable battery pack Publications Group - ThinkPad SL Series Setup Guide - ThinkPad SL Series Troubleshooting Guide
Special model designation:	

## Warranty

Limited Warranty period and type<sup>3</sup>: **One year parts and labor (system battery: one year) Customer Carry-in Repair**

## Technical Information

### Architecture

Form factor:	<b>Notebook</b>
Bus type/architecture:	<b>PCI/PCI Express</b>
Expansion bus type:	<b>PCI/PCI Express</b>
PCMCIA Card Bus Slots:	<b>1 ExpressCard/54 or 34</b>
Bay Type:	<b>Fixed Media Bay</b>
Indicator light:	<b>Yes</b>
Cover material:	<b>Business Black</b>

### Display

Screen type description:	<b>WXGA TFT with integrated camera AntiGlare</b>
Viewable image size (diagonal):	<b>15,4inches</b>
Screen illumination:	<b>Backlit</b>

Max resolution on built-in screen: **1280x800**  
Max colors or grey shades: **16777216**  
External display supported: **Yes**  
Max resolution on external display:  
Simultaneous external display: **Yes**

## Processor

Processor (CPU)<sup>2</sup>: **Intel® Core 2 Duo processor T 5870**  
Processor internal clock speed<sup>2</sup>: **2.00GHz**  
Front side bus: **800MHz**  
Processor manufacturer: **Intel**  
L2 external CPU cache std/max: **- /**  
Upgradable processor:  
BIOS type: **Flash ROM**

## Memory

Memory (RAM) std/max: **2GB / 4GB**  
RAM speed: **667MHz**  
Optional RAM configuration: **256:512:1024:2048:4096 MB SODIMMs**  
RAM type: **PC2-5300 DDR2 SDRAM**  
RAM slots total (available): **2 SODIMM (1 SODIMM)**

## Hard disk

Hard disk controller: **Serial ATA**  
Hard disk size<sup>1</sup>: **250GB**  
Hard disk type: **Serial ATA**  
Average seek time: **12ms**  
Average latency: **4,17ms**  
Number of platters: **2**  
Platter RPM: **5400**  
Burst transfer rate: **150MBps**  
Sustained data trans rate (low; high): **-**

## Graphics subsystem

Graphics chipset: **Intel Graphics Media Accelerator 4500MHD**  
Graphics type: **-**  
Video RAM std/max: **- / -**  
Video RAM type: **DVMT**  
Max resolution (with max video RAM) NI: **2048x1536 16777216 colors**  
Max colors (with max video RAM): **16777216**  
Graphics bus interface: **PCI Express**  
Graphics features:

## Multimedia

Media speed<sup>8</sup>: **8X Max**  
Media interface type: **SATA**  
Recordable: **Yes**  
Removable: **No**  
Audio features: **Speakers (integrated); Mute Button**

## Audio

Audio chipset make & model: **Conexant Azalia Audio Codec**  
Audio data width: **24**  
Number of integrated speakers: **2**  
Speaker power rating: **3Watts**  
Volume control buttons: **Yes**

## Communications

Fax/modem: **V.90 and K56 Flex (no voice),V.90 & K56 w Ethernet**  
Fax/modem speeds: **56Kbps data/14.4Kbps fax**  
Infrared Port: **No**  
Wireless Type: **LAN, WWAN**  
Wireless Standard: **Intel WiFi Link 5100AGN**  
Wireless Max. Speed: **-, 11a:54Mbps, 11b:11Mbps, 11g:54Mbps, 11n:exceeds 100Mbps**  
Antenna: **Ultra Connect, UltraConnect II**  
Description: **Intel Wireless Wi-Fi Link 5100, WWAN Upgradeable**  
Frequency: **802.11:2.4 to 5 GHz**

Network card: **Realtek Gigabit Ethernet (RTL8111C)**  
Network interface: **Gigabit Ethernet- Integrated**  
Network speed: **1000Mbps,100Mbps,10Mbps**  
Network features:

## Accessories

A/C adapter:  
Worldwide A/C compatibility: **Yes**  
Port replicator: **None**  
Dock: **None**

## Standard features

Pointing device type: **ThinkPad UltraNav**  
Standard diskette size: **-**  
Optional diskette size: **-**  
Diskette drive configuration:  
Keyboard type standard: **Full size**  
Keyboard light: **No**  
Product approvals/certifications<sup>4</sup> :

## Power management

### Note<sup>5</sup>

Battery life - min/max: **4.0 Hrs**  
Battery type(s): **6 Cell Lithium-Ion**  
Charge time - on/off: **3.0Hrs / 3.0Hrs**  
Heat emissions: **65W**  
Sound emissions: **40dB**  
Power management features<sup>4</sup> : **Switching between display devices  
Battery Power Status Display  
EasyEject Utility  
Hibernation mode  
Power management mode  
Standby mode  
Suspend mode**

## Expansion options

Plug and play support: **Yes**

Standard Interfaces:

Ports (type):

Expansion ports:

External Display (VGA), External Microphone/Line-In, Headphone / Line out, HDMI, IEEE 1394a, RJ-11, RJ-45, 4 USB 2.0, 7-1 Multi Media Card Reader (SD/SD HC/xD/xD Type H/MMC/MS/MS PRO)

## Weight & dimensions

Note<sup>6</sup>

Weight:	2,9Kg
Travel weight:	2,87Kgs
Height:	39mm
Width:	358mm
Depth:	260mm
Operating Temperature (C) (low; high):	5; 35
Relative Humidity (%) (low; high):	8; 95

## Software

Tested operating systems:

Microsoft Windows XP, Microsoft Windows XP Home Edition, PC DOS 2000 (limited), Windows Vista Business, Windows Vista Home Basic, Windows Vista Home Premium, Windows Vista Ultimate

Operating system provided:

Genuine Windows Vista Business

Communication/networking

applications:

Device drivers/utilities:

Multimedia applications:

Productivity applications:

Other applications provided:

Preloaded applications: **Yes**

## Security

Universal management features:

Access program  
ImageUltra enabled  
System Migration Assistant  
ThinkVantage Access Connections  
ThinkVantage Active Protection System  
ThinkVantage Rescue and Recovery with Rapid Restore

Security features:

Hard disk drive password  
Power-on password  
Security lock slot  
Supervisor password

VPD support:

Integrated Fingerprint Reader **Yes**

## Selected Accessories and Upgrades

\*Please see footnotes under Product Specific Notices for further information

### Description

### Part Number

#### Accessories and Upgrades (A Lenovo Product) *See footnotes for limitations*

##### Monitors & Monitor Accessories

###### Flat Panel Monitors

17"

Lenovo ThinkVision L 1700P LCD Monitor

R27HExx

T17HPxx

Lenovo L171p 17.0in Hybrid TFT LCD (17.0in/432mm VIS) TCO-03 Business Black Monitor	
Lenovo L174 17.0 in Analogue TFT LCD (17.0 in/432mm VIS) TCO-03 Business Black Monitor	T27AGxx
Lenovo L174 17.0 in Analogue TFT LCD (17.0 in/432mm VIS) TCO-03 Business Black Monitor	T27ENxx
Lenovo ThinkVision L 1700P LCD Monitor 19"	T27HExx
Lenovo ThinkVision L 1900 LCD Monitor	R35AExx
Lenovo ThinkVision L 1900P LCD Monitor	R43HExx
Lenovo ThinkVision L 1940 19.0in (19.0in/481mm VIS) Wide LCD Business Black Monitor	R44ABxx
Lenovo ThinkVision L 1940P 19.0in (19.0in/481mm VIS) Wide LCD Business Black Monitor	R44HBxx
Lenovo ThinkVision L 1900 LCD Monitor	T35AExx
L1900P 19in/19.0in VIS BLK MON	T43HExx
Lenovo ThinkVision L 1940 19.0in (19.0in/481mm VIS) Wide LCD Business Black Monitor	T44ABxx
Lenovo ThinkVision L 1940P 19.0in (19.0in/481mm VIS) Wide LCD Business Black Monitor	T44HBxx
Lenovo L197 Wide 19.0in Hybrid TFT LCD (19.0in/483mm VIS) TCO 03 Business Black Monitor 20-33"	T44HNxx
Lenovo ThinkVision L 2440P Wide LCD Monitor	R40HBxx
Lenovo ThinkVision L 2440x 24.0in (24.0in/ 610mm VIS) TCO-03 Business Black Monitor	R41HBxx
Lenovo ThinkVision L 2240p 22.0in (22.0in/559mm VIS) Wide LCD Business Black Monitor	R42HBxx
Lenovo ThinkVision L 2440P Wide LCD Monitor	T40HBxx
Lenovo ThinkVision L 2440x 24.0in (24.0in/ 610mm VIS) CTO-03 Business Black Monitor	T41HBxx
Lenovo ThinkVision L 2240p 22.0in (22.0in/559mm VIS) Wide LCD Business Black Monitor	T42HBxx

### Audio & Video *See footnotes for limitations*

#### Headsets & HeadPhones

Lenovo USB Multimedia Headset	40Y8518
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### Batteries & Power *See footnotes for limitations*

#### AC Adapters

Lenovo 3000 & ThinkPad R60/T60/X60/Z60	
ThinkPad 90W AC Adapter	40Y7663
ThinkPad 90W AC Adapter	40Y7664
ThinkPad 90W AC Adapter	40Y7665
ThinkPad 90W AC Adapter	40Y7667
ThinkPad 90W AC Adapter	40Y7668
ThinkPad 90W AC Adapter	40Y7669
ThinkPad 90W AC Adapter	40Y7670
ThinkPad and Lenovo 65W AC Adapter	40Y7700
ThinkPad 90W AC Adapter	40Y7701
ThinkPad 90W AC Adapter	40Y7702
ThinkPad 90W AC Ada	40Y7704
ThinkPad 90W AC Adapter	40Y7705
ThinkPad 90W AC Adapter	40Y7706
ThinkPad 90W AC Adapter	40Y7707
ThinkPad and IdeaPad 90W Slim AC/DC Combo Adapter	41N8481
ThinkPad and IdeaPad 90W Slim AC/DC Combo Adapter	41N8482

ThinkPad and IdeaPad 90W Slim AC/DC Combo Adapter	41N8488
ThinkPad and IdeaPad 90W Slim AC/DC Combo Adapter	41N8489
ThinkPad and IdeaPad 90W Slim AC/DC Combo Adapter	41N8493
<b>Accessories for Slim AC/DC Adapter</b>	
Lenovo L1 Tip for Motorola a, e, i, v Series Phones <sup>10</sup>	41R4309
Lenovo L2 Tip for Nokia Phones <sup>10</sup>	41R4310
Lenovo L3 Tip for Audiovox, Kyocera, Motorola, Nextel, Samsung Phones <sup>10</sup>	41R4311
Lenovo L4 Tip for Sony Ericsson Phones <sup>10</sup>	41R4312
Lenovo L5 Tip for Samsung Phones <sup>10</sup>	41R4313
Lenovo L6 Tip for Motorola i Series Phones <sup>10</sup>	41R4314
Lenovo L7 Tip for Palm Pilot <sup>10</sup>	41R4315
Lenovo L8 Tip for RIM Blackberry and Select Motorola Phones <sup>10</sup>	41R4316
Lenovo L9 Tip for Generic USB <sup>10</sup>	41R4317
Lenovo L10 Tip for Apple iPod and iPhone <sup>10</sup>	41R4318
Lenovo 20V Tip for ThinkPad R/T/X/SL400/SL500/W500 and Lenovo C/N/V series <sup>11</sup>	41R4344
Lenovo Dual Charging Cable for 90W Slim AC/DC Combo Adapter <sup>10</sup>	41R4345
Lenovo L11 Tip for Nokia Phones <sup>10</sup>	41R4394
Lenovo L12 Tip for Sony Ericsson Phones <sup>10</sup>	41R4396
Lenovo L13 Tip for LG Phones <sup>10</sup>	41R4403
Lenovo L14 Tip for LG Phones <sup>10</sup>	41R4406
Lenovo L15 Tip for Samsung Phones <sup>10</sup>	41R4409
Lenovo L16 Tip for Samsung Phones <sup>10</sup>	41R4412
Lenovo L17 Tip for Sanyo Phones <sup>10</sup>	41R4415
Lenovo L8a Tip for Blackberry and Select Motorola Phones (10-pack) <sup>10</sup>	41R4464
Lenovo L10a Tip for Apple iPod and iPhone 3G (10-pack) <sup>10</sup>	41R4466
Lenovo L8a Tip for Blackberry and Select Motorola Phones <sup>10</sup>	41R4478
Lenovo L10a Tip for Apple iPod and iPhone 3G <sup>10</sup>	41R4481
Lenovo L18 Tip for Generic Micro USB <sup>10</sup>	41R4490
<b>Batteries</b>	
Lenovo 3000 & ThinkPad R60/T60/Z60 Series	
ThinkPad T60 Series 6 Cell Lithium-Ion Battery	40Y6799
ThinkPad Z60m/T60/R60 9 Cell Lithium-Ion Battery	41N5666
<b>Chargers</b>	
ThinkPad External Battery Charger <sup>12</sup>	40Y7625
<b>Carrying Cases <i>See footnotes for limitations</i></b>	
<b>Business Cases</b>	
ThinkPad Premiere Leather Case	10K0209
ThinkPad 17W Business Topload Case	43R9117
<b>Docks &amp; Port Replicators <i>See footnotes for limitations</i></b>	
<b>Lenovo 3000 Port Replicators</b>	
Lenovo Wireless USB Port Replicator (Israel)	45K1681
<b>Notebook Stands</b>	
ThinkPad Adjustable Notebook Stand <sup>13</sup>	40Y7676
<b>USB Port Replicators</b>	
Lenovo Enhanced USB Port Replicator	43R8771
Lenovo Enhanced USB Port Replicator	43R8772
<b>Keyboards &amp; Mice <i>See footnotes for limitations</i></b>	
<b>Keyboard &amp; Mouse Combo</b>	
ThinkPad Full-Size UltraNav USB Keyboard - US English	31P8950
USB Keyboard with UltraNav - German	31P8952
USB Keyboard with UltraNav - UK English	31P8953
USB Keyboard with UltraNav - French	31P8954
USB Keyboard with UltraNav - Dutch	31P8955
	31P8956

USB Keyboard with UltraNav - Swedish/Finnish	
USB Keyboard with UltraNav - Norwegian	31P8957
USB Keyboard with UltraNav - Danish	31P8958
USB Keyboard with UltraNav - Italian	31P8959
USB Keyboard with UltraNav - Spanish	31P8960
USB Keyboard with UltraNav - Belgian/UK	31P8961
USB Keyboard with UltraNav - Swiss	31P8962
USB Keyboard with UltraNav - Portuguese	31P8963
USB Keyboard with UltraNav - Arabic	31P8964
USB Keyboard with UltraNav - Russian	31P8965
USB Keyboard with UltraNav - Hebrew	31P8966
USB Keyboard with UltraNav - Polish	31P8967
USB Keyboard with UltraNav - Turkish	31P8968
USB Keyboard with UltraNav - Czech	31P8969
USB Keyboard with UltraNav - Hungarian	31P8970
USB Keyboard with UltraNav - Greek	31P8971
USB Keyboard with UltraNav - Slovenian	31P8972
USB Keyboard with UltraNav - Slovakian	31P8973
USB Keyboard with UltraNav - US Euro	31P9304
ThinkPad Travel UltraNav USB Keyboard - US English	31P9490
USB Travel Keyboard with UltraNav - German	31P9492
USB Travel Keyboard with UltraNav - UK English	31P9493
USB Travel Keyboard with UltraNav - French	31P9494
USB Travel Keyboard with UltraNav - Swedish/Finnish	31P9496
USB Travel Keyboard with UltraNav - Norwegian	31P9497
USB Travel Keyboard with UltraNav - Danish	31P9498
USB Travel Keyboard with UltraNav - Italian	31P9499
USB Travel Keyboard with UltraNav - Belgian/UK	31P9501
USB Travel Keyboard with UltraNav - Swiss	31P9502
USB Travel Keyboard with UltraNav - Portuguese	31P9503
USB Travel Keyboard with UltraNav - Arabic	31P9504
USB Travel Keyboard with UltraNav - Russian	31P9505
USB Travel Keyboard with UltraNav - Hebrew	31P9506
USB Travel Keyboard with UltraNav - Polish	31P9507
USB Travel Keyboard with UltraNav - Turkish	31P9508
USB Travel Keyboard with UltraNav - Czech	31P9509
USB Travel Keyboard with UltraNav - Hungarian	31P9510
USB Travel Keyboard with UltraNav - Greek	31P9511
USB Travel Keyboard with UltraNav - Slovenian	31P9512
USB Travel Keyboard with UltraNav - Slovakian	31P9513
USB Travel Keyboard with UltraNav - US Euro	31P9519
USB Travel Keyboard with UltraNav	31P9XXX
Lenovo Wireless Keyboard and Mouse - Belgium/French	73P4068
Lenovo Wireless Keyboard and Mouse - Belgium/UK	73P4069
Lenovo Wireless Keyboard and Mouse - Czech	73P4071
Lenovo Wireless Keyboard and Mouse - Danish	73P4072
Lenovo Wireless Keyboard and Mouse - Dutch	73P4073
Lenovo Wireless Keyboard and Mouse - French	73P4074
Lenovo Wireless Keyboard and Mouse - German	73P4077
Lenovo Wireless Keyboard and Mouse - Greek Å	73P4078
Lenovo Wireless Keyboard and Mouse - Hungarian	73P4079
	73P4080



Lenovo Wireless Keyboard and Mouse - Iceland Å Å	73P4081
Lenovo Wireless Keyboard and Mouse - Italian	73P4083
Lenovo Wireless Keyboard and Mouse - Norwegian	73P4084
Lenovo Wireless Keyboard and Mouse - Polish	73P4085
Lenovo Wireless Keyboard and Mouse - Portuguese	73P4086
Lenovo Wireless Keyboard and Mouse - Slovak	73P4087
Lenovo Wireless Keyboard and Mouse - Slovenian	73P4088
Lenovo Wireless Keyboard and Mouse - Spanish	73P4089
Lenovo Wireless Keyboard and Mouse - Swedish/Finnish	73P4090
Lenovo Wireless Keyboard and Mouse - Swiss (French/German)	73P4091
Lenovo Wireless Keyboard and Mouse - UK English	73P4092
Lenovo Wireless Keyboard and Mouse - US English (Euro symbol)	33L3225
<b>Keyboards</b>	
ThinkPad USB Numeric Keypad	73P2621
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Arabic	73P2622
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Belgium/French	73P2623
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Belgium/UK	73P2624
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Bulgarian	73P2626
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Czech	73P2627
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Danish	73P2628
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Dutch	73P2629
USB Enhanced Performance Keyboard (Black) - French	73P2632
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - German	73P2633
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Greek	73P2634
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Hebrew	73P2635
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Hungarian	73P2636
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Iceland	73P2637
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Arabic/French	73P2641
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Norwegian	73P2642
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Polish	73P2643
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Portugese	73P2644
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Romanian 446	73P2645
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Romanian 096	73P2646
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Russian/Cyrillic	73P2648
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Slovak	73P2649
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Spanish	73P2650
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Swedish/Fin	73P2651
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Swiss, F/G	73P2653
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Turkish - DOS	73P2654
ID 440	
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Turkish - DOS	73P2655
179	
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - UK English	73P2656
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Euro English	73P2657
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Slovenian	73P2659
ThinkPlus Enhanced Performance USB Keyboard (Business Black) - Italian - DOS	
ID 142	
Business Black Enhanced Performance USB Keyboard	73P26xx
Lenovo Fingerprint USB Keyboard - US English	73P4730

Lenovo Fingerprint USB Keyboard - Arabic	73P4731
Lenovo Fingerprint USB Keyboard - Belgian/French	73P4732
Lenovo Fingerprint USB Keyboard - Belgian/UK	73P4733
Lenovo Fingerprint USB Keyboard - Bulgarian	73P4734
Lenovo Fingerprint USB Keyboard - Czech	73P4736
Lenovo Fingerprint USB Keyboard - Danish	73P4737
Lenovo Fingerprint USB Keyboard - Dutch	73P4738
Lenovo Fingerprint USB Keyboard - German	73P4742
Lenovo Fingerprint USB Keyboard - Greek	73P4743
Lenovo Fingerprint USB Keyboard - Hebrew	73P4744
Lenovo Fingerprint USB Keyboard - Hungarian	73P4745
Lenovo Fingerprint USB Keyboard - Icelandic	73P4746
Lenovo Fingerprint USB Keyboard - Arabic/French	73P4747
Lenovo Fingerprint USB Keyboard - Norwegian	73P4751
Lenovo Fingerprint USB Keyboard - Polish	73P4752
Lenovo Fingerprint USB Keyboard - Portuguese	73P4753
Lenovo Fingerprint USB Keyboard - Romanian 446	73P4754
Lenovo Fingerprint USB Keyboard - Romanian 096	73P4755
Lenovo Fingerprint USB Keyboard - Russian/Cyrillic	73P4756
Lenovo Fingerprint USB Keyboard - Serbian/Cyrillic	73P4757
Lenovo Fingerprint USB Keyboard - Slovak	73P4758
Lenovo Fingerprint USB Keyboard - Spanish	73P4759
Lenovo Fingerprint USB Keyboard - Swedish/Finish	73P4760
Lenovo Fingerprint USB Keyboard - Swiss F/G	73P4761
Lenovo Fingerprint USB Keyboard - Turkish 440	73P4763
Lenovo Fingerprint USB Keyboard - Turkish 179	73P4764
Lenovo Fingerprint USB Keyboard - UK English	73P4765
Lenovo Fingerprint USB Keyboard - US English (Euro Symbol)	73P4766
Lenovo Fingerprint USB Keyboard - Slovenian	73P4767
Lenovo Fingerprint USB Keyboard - Italian	73P4769
Business Black Preferred Pro USB Keyboard - US English	73P5220
Business Black Preferred Pro USB Keyboard - Arabic	73P5221
Business Black Preferred Pro USB Keyboard - Belgian/French	73P5222
Business Black Preferred Pro USB Keyboard - Belgian/UK	73P5223
ThinkPlus Preferred Pro USB Keyboard (Business Black) - Chinese/US	73P5225
Business Black Preferred Pro USB Keyboard - Czech	73P5226
Business Black Preferred Pro USB Keyboard - Danish	73P5227
Business Black Preferred Pro USB Keyboard - Dutch	73P5228
Business Black Preferred Pro USB Keyboard - French	73P5229
Business Black Preferred Pro USB Keyboard - German	73P5232
Business Black Preferred Pro USB Keyboard - Greek	73P5233
Business Black Preferred Pro USB Keyboard - Hebrew	73P5234
Business Black Preferred Pro USB Keyboard - Hungarian	73P5235
Business Black Preferred Pro USB Keyboard - Iceland	73P5236
Business Black Preferred Pro USB Keyboard - Arabic/French	73P5237
Business Black Preferred Pro USB Keyboard - Norwegian	73P5241
Business Black Preferred Pro USB Keyboard - Polish	73P5242
Business Black Preferred Pro USB Keyboard - Portuguese	73P5243
Business Black Preferred Pro USB Keyboard - Romanian 446	73P5244
Business Black Preferred Pro USB Keyboard - Romanian 096	73P5245
Business Black Preferred Pro USB Keyboard - Russian/Cyrillic	73P5246
	73P5247

Business Black Preferred Pro USB Keyboard - Serbian/Cyrillic	73P5248
Business Black Preferred Pro USB Keyboard - Slovak	73P5249
Business Black Preferred Pro USB Keyboard - Spanish	73P5250
Business Black Preferred Pro USB Keyboard - Swedish/Finnish	73P5251
Business Black Preferred Pro USB Keyboard - Swiss (French/German)	73P5253
Business Black Preferred Pro USB Keyboard - Turkish 440	73P5254
Business Black Preferred Pro USB Keyboard - Turkish 179	73P5255
Business Black Preferred Pro USB Keyboard - UK English	73P5256
Business Black Preferred Pro USB Keyboard - Euro English	73P5257
Business Black Preferred Pro USB Keyboard - Slovenian	73P5259
Business Black Preferred Pro USB Keyboard - Italian 141h	73P52XX
Business Black Preferred Pro USB Keyboard	
<b>Mice</b>	
Lenovo Optical Mouse	06P4069
Lenovo Scrollpoint Mouse	31P7405
ThinkPad Travel Mouse	31P7410
Lenovo Laser Mouse	41U3074
ThinkPad Bluetooth Laser Mouse <sup>14</sup>	41U5008
Lenovo Wireless Laser Mouse - Black	45K1696
Lenovo Wireless Laser Mouse - Red	51J0198
<b>Trackpoint Caps</b>	
ThinkPad TrackPoint Cap Collection	73P2698
<b>Memory</b> <i>See footnotes for limitations</i>	
<b>Notebook Memory</b>	
ThinkPad & Lenovo 3000	
512MB PC2-5300 667MHz DDR2 SDRAM SODIMM Memory	40Y7733
1GB PC2-5300 667MHz DDR2 SDRAM SODIMM Memory	40Y7734
2GB PC2-5300 667MHz DDR2 SDRAM SODIMM Memory	40Y7735
<b>Monitors &amp; Monitor Accessories</b> <i>See footnotes for limitations</i>	
<b>Monitor Speakers</b>	
ThinkVision USB Soundbar <sup>15</sup>	40Y7616
<b>Monitor Stands &amp; Arms</b>	
ThinkPad Convertible Monitor Stand <sup>16</sup>	40Y7620
<b>Multimedia</b> <i>See footnotes for limitations</i>	
<b>Monitor Stands &amp; Arms</b>	
ThinkVision TFT Radial Arm <sup>17</sup>	19K4464
<b>Networking</b> <i>See footnotes for limitations</i>	
<b>Wireless Networking</b>	
<b>WAN</b>	
ThinkPad 3G BroadBand Option <sup>18</sup>	43R9153
<b>Projectors</b> <i>See footnotes for limitations</i>	
<b>Projector Lamps</b>	
Lamp for Lenovo M 500 (0037A05) Projector <sup>19</sup>	40Y7872
Lamp for Lenovo C 500 (0039A05) Projector <sup>20</sup>	41U3045
Lamp for M400 (0037A04) Projector <sup>21</sup>	73P2790
Lamp for C400 (0039A04) Projector <sup>22</sup>	73P3191
Lamp for E500 (0038A05) Projector <sup>23</sup>	73P4954
<b>Security Solutions</b> <i>See footnotes for limitations</i>	
<b>Physical Security</b>	
Kensington Twin Head Cable Lock from Lenovo	45K1620
Kensington MicroSaver 64068E Security Cable Lock from Lenovo	73P2582
<b>Smart Card Security</b>	
Gemplus GemPC USB Smart Card Reader from Lenovo	41N3040
Gemplus ExpressCard Smart Card Reader from Lenovo	41N3043

**Services** *See footnotes for limitations***Protect**

Safend Protector 25-249 Seats	30R6500
Safend Protector 250-499 Seats	30R6501
Safend Protector 500-999 Seats	30R6502
Safend Protector 1000-2499 Seats	30R6503
Safend Protector 2500-4999 Seats	30R6504
Safend Protector 5000-9999 Seats	30R6505
Safend Protector 10,000+ Seats	30R6506
Safend Protector Add-On Interface to Content Inspection	30R6544

**Storage** *See footnotes for limitations***Hard Drives****External**

Lenovo USB 2.0 Portable 160GB Hard Drive	43R1784
ThinkPad USB Secure Hard Drive - 160GB	43R2018
ThinkPad USB Secure Hard Drive - 320GB	43R2019

**Memory Keys & Microdrives**

Lenovo USB 2.0 Essential Memory Key - 2 GB	41U4944
Lenovo USB 2.0 Security Memory Key - 4GB	41U5120
Lenovo USB Ultra Secure Memory Key - 1GB	45J5915
Lenovo USB Ultra Secure Memory Key - 2GB	45J5916
Lenovo USB Ultra Secure Memory Key - 4GB	45J5917
Lenovo USB Ultra Secure Memory Key - 8GB	45J5918
Lenovo USB Essential Memory Key - 4GB	45J7904
Lenovo USB 2.0 Essential Memory Key - 8GB	45J7905
Lenovo USB 2.0 Essential Memory Key - 32GB	45K1258

**Optical Drives****External**

ThinkPlus USB 2.0 CD-RW/DVD-ROM Combo II Drive	40Y86XX
ThinkPlus USB 2.0 Super Multi-Burner II Drive (EU1, Indonesia, Vietnam, Laos)	41N5567
ThinkPlus USB 2.0 Super Multi-Burner II Drive (Denmark)	41N5569
ThinkPlus USB 2.0 Super Multi-Burner II Drive (Switzerland)	41N5570
ThinkPlus USB 2.0 Super Multi-Burner II Drive (Italy)	41N5571
ThinkPlus USB 2.0 Super Multi-Burner II Drive (South Africa, Bangladesh, Pakistan, Sri Lanka)	41N5572
ThinkPlus USB 2.0 Super Multi-Burner II Drive (Israel)	41N5574

**Removable Disk Drives**

USB Portable Diskette Drive	05K9276
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*See footnotes for limitations*

Additional Year AM&S for Safend Auditor - One per Customer	30R6543
SafeGuard Easy 4.20 Tier 1 (1 - 100 Licenses) <sup>24</sup>	40Y9185
SafeGuard Easy 4.20 Tier 2 (101 - 1000 Licenses) <sup>24</sup>	40Y9186
SafeGuard Easy 4.20 Tier 3 (Over 1000 Licenses) <sup>24</sup>	40Y9187
SafeGuard PrivateDisk Enterprise Edition Tier 1 (1-100 Licenses)	73P4929
SafeGuard PrivateDisk Enterprise Edition Tier 2 (101 - 1000 Licenses)	73P4930
SafeGuard PrivateDisk Enterprise Edition Tier 3 (1001 - 2000 Licenses)	73P4931
SafeGuard PrivateDisk Enterprise Edition Tier 4 (Over 2000 Licenses)	73P4932

**Product Specific and Legal Notices****Product Specific Notices**Numbered Footnotes

1. **Hard Drive:** GB=billion bytes. Accessible capacity is less; up to 4 GB is service partition.
2. **Mobile Processors:** Power management reduces processor speed when in battery mode.
3. **Warranty Information:** For terms and conditions or copies of Lenovo's limited warranty, call 08705 500900 in the U.K. Limited warranty includes International Warranty Service in those countries where this statement of product is sold by Lenovo or Lenovo Business Partners (registration required).
4. **Energy Star:** As an Energy Star Partner, Lenovo has determined that this product meets the Energy Star guidelines for energy efficiency.
5. **Battery:** These model numbers achieved the Ziff Davis Media, Inc.'s Business Winstone® 2002 BatteryMark Version 1.0, Battery Rundown Time of at least the time shown. This test was performed without independent verification by the VeriTest testing division of Lionbridge Technologies, Inc. ("VeriTest") or Ziff Davis Media, Inc.; neither Ziff Davis Media, Inc. nor VeriTest makes any representations or warranties as to these test results. Winstone is a registered trademark and BatteryMark is a trademark of Ziff Davis Publishing Holdings, Inc. in the U.S. and other countries. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning and other customer preferences.
6. **Thinness:** may vary at certain points on the system.
7. Unless otherwise indicated, prices shown are estimated reseller prices to end users. Reseller prices may vary. Lenovo reserves the right to change prices and product specifications and to discontinue marketing products without notice.
8. **CD/DVD drive speeds:** list maximum rates; rates are variable and are often less than the maximum.  
  
(Tape Drives) Data compression may be software dependent.
9. Actual applications included dependent upon country.

Generic Footnotes

ADSL Modems:

**Actual modem speeds:** depend on many factors, including the plan you sign up for with your ADSL provider, and are often less than the maximum possible.

New 56K v.92 Modem Standard:

**Modem speeds:** Public network download speeds are limited to 53 Kbps. Upload speeds are limited to 48 Kbps for v.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Requires download of v.92 microcode, when available, and country approval. Check with your telephone and ISP service providers for availability.

**Included Software:** may differ from its retail version (if available) and may not include user manuals or all program functionality. License agreements may apply. Operating systems that are not preloaded on the system may not provide full-feature functionality. Please refer to [lenovo.com/think/pc/support](http://lenovo.com/think/pc/support), select notebook brand, click on "Product Information", choose your machine type, then click on "Product Limitations"

**Titanium composite:** As tested using the high-flex modulus test. **Travel Weight:** includes battery and optional travel bezel instead of standard optical drive in Ultrabay bay, if applicable; weight may vary due to vendor components, manufacturing process and options.

**Maximum memory and internal hard disk capacities:** may require the replacement of standard component with largest supported component available. Norton AntiVirus comes with 90 days of virus definition updates.

10. To be used with the ThinkPad and IdeaPad 90W Slim AC/DC Combo adapter. For more information, visit: [www.lenovo.com/support/slimadaptertips](http://www.lenovo.com/support/slimadaptertips)
11. To be used, and is included with the ThinkPad and IdeaPad 90W Slim AC/DC Combo adapter. For more information, visit: [www.lenovo.com/slimadapter](http://www.lenovo.com/slimadapter) or [www.lenovopowertips.com](http://www.lenovopowertips.com)
12. Requires the 90W AC Adapter 40Y7659 or the adapter provided with the system.
13. System may be placed on the ledge, but no port replication or docking support is provided.
14. Requires a bluetooth enabled system or an optional USB Bluetooth Receiver
15. Compatible with L151, L151p, L171, L171p, L172, L174, L1700p, L190x, L191, L192p, L193p, L194w, L197w, L1940, L1940p, L201p, L220x, L200pw, L2240p monitors.
16. System may be placed on the bottom plate, but no port replication or docking support is provided. Does support UltraBases for X Series)
17. Can be used to mount a Flat Panel Monitor such as the T54, T55, T56, T74, T85, T86.
18. Available on select WWAN ready ThinkPad models. For more information, visit: [www.lenovo.com/support/wwanready](http://www.lenovo.com/support/wwanready)
19. To be used in the M500 Projector.
20. To be used in the C500 Projector.
21. To be used in the M400 Projector.
22. To be used in the C400 Projector.
23. To be used in the E500 Projector.
24. Utimaco SafeGuard Easy may prevent the operation of Computrace if the ThinkCentre model being used does not include the Computrace BIOS-based agent

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Lenovo Technology (United Kingdom) Limited  
PO Box 32  
Normandy House  
Bunnian Place  
Basingstoke  
RG21 7EJ  
United Kingdom

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